

AGENCY PROFILE

Program Year 2008

Metropolitan Area Advisory Committee (MAAC)

Service Area	San Diego County
Total Low Income Households	89,128

See Footnote #1

Households Served and Average Benefit

Program Component	Service Area		Statewide
	Households Served	Average Benefit per Household	Average Benefit per Household
ECIP EHCS Cooling	0	\$0	\$861
ECIP EHCS Heating	118	\$1,244	\$1,208
ECIP Fast Track	659	\$466	\$351
ECIP WPO	0	\$0	\$322
HEAP Gas & Electric	2078	\$276	\$238
HEAP WPO	3	\$329	\$299
Weatherization	248	\$1,643	\$1,446

See Footnote #2

Household Income

	Service Area			Statewide		
	Under 100%	101 - 125%	Over 125%	Under 100%	101 - 125%	Over 125%
LIHEAP Eligible Households						
Census Data	36%	16%	48%	39%	16%	45%

Program Component	Service Area				
	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%
ECIP EHCS & WPO	20%	27%	24%	8%	20%
ECIP Fast Track	54%	19%	13%	6%	8%
HEAP Gas & Electric	39%	23%	25%	7%	6%
HEAP WPO	67%	33%	0%	0%	0%
Weatherization	28%	16%	24%	11%	21%

Program Component	Statewide				
	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%
ECIP EHCS & WPO	28%	17%	24%	16%	15%
ECIP Fast Track	49%	16%	18%	8%	9%
HEAP Gas & Electric	30%	16%	33%	12%	10%
HEAP WPO	28%	14%	28%	13%	17%
Weatherization	28%	17%	25%	13%	17%

See Footnote #3

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Vulnerable Populations

	Service Area			Statewide		
	Elderly	Disabled	Children Under 5	Elderly	Disabled	Children Under 5
LIHEAP Eligible Households						
Census Data	35%	36%	9%	33%	37%	8%

Program Component	Service Area	Statewide
	VP HHs to Total HHs	VP HHs to Total HHs
ECIP EHCS & WPO	64%	77%
ECIP Fast Track	64%	81%
HEAP Gas & Electric	69%	76%
HEAP WPO	100%	82%
Weatherization	73%	77%

See Footnote #4

Energy Burden

National Average	15%
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Program Component	Service Area Average Energy Burden
ECIP Fast Track	24%
HEAP Gas & Electric	14%
Weatherization	7%

See Footnote #5

Primary Heating Fuel Type

	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Census Data	57%	35%	3%	0%	1%	3%

Program Component	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Weatherization	81%	8%	9%	0%	0%	1%

See Footnote #6

ECIP/HEAP Expenditures

Program Component	Service Area	Statewide Range
	Actual Expenditures	Actual Expenditures
ECIP EHCS	15%	1% - 30%
ECIP Fast Track	29%	7% - 42%
ECIP WPO	0%	1% - 21%
HEAP Gas/Electric	55%	27% - 67%
HEAP WPO	1%	1% - 21%

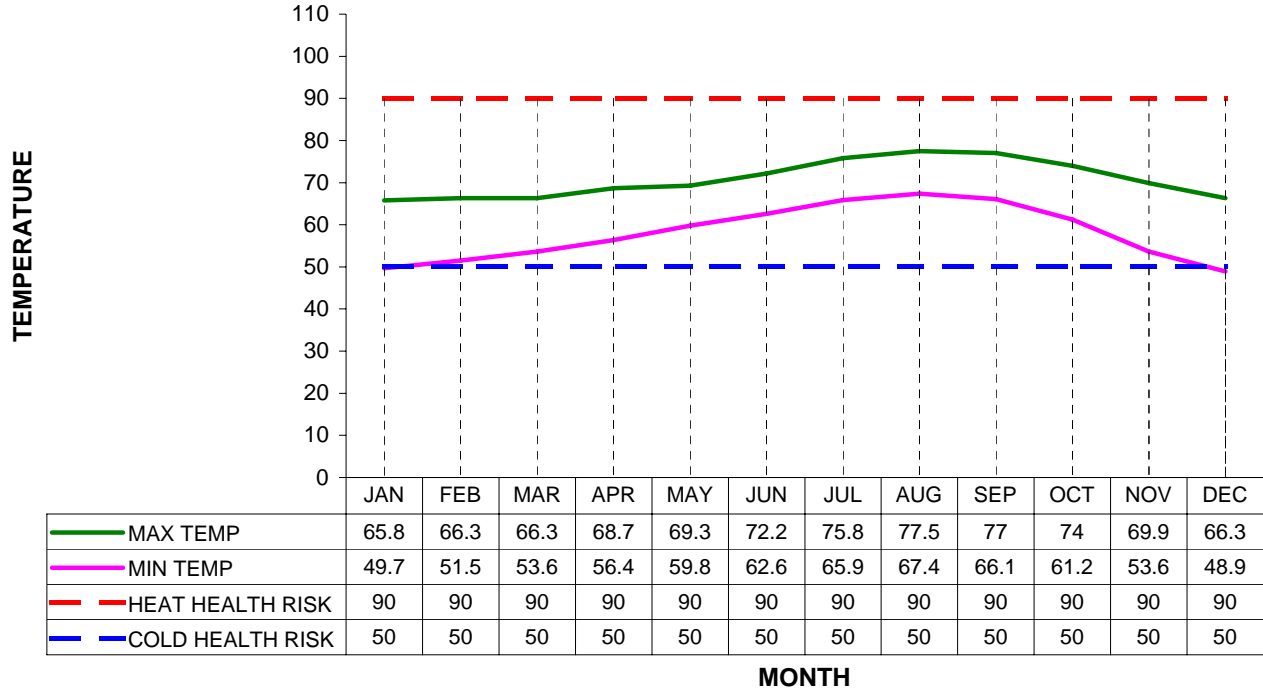
See Footnote #7

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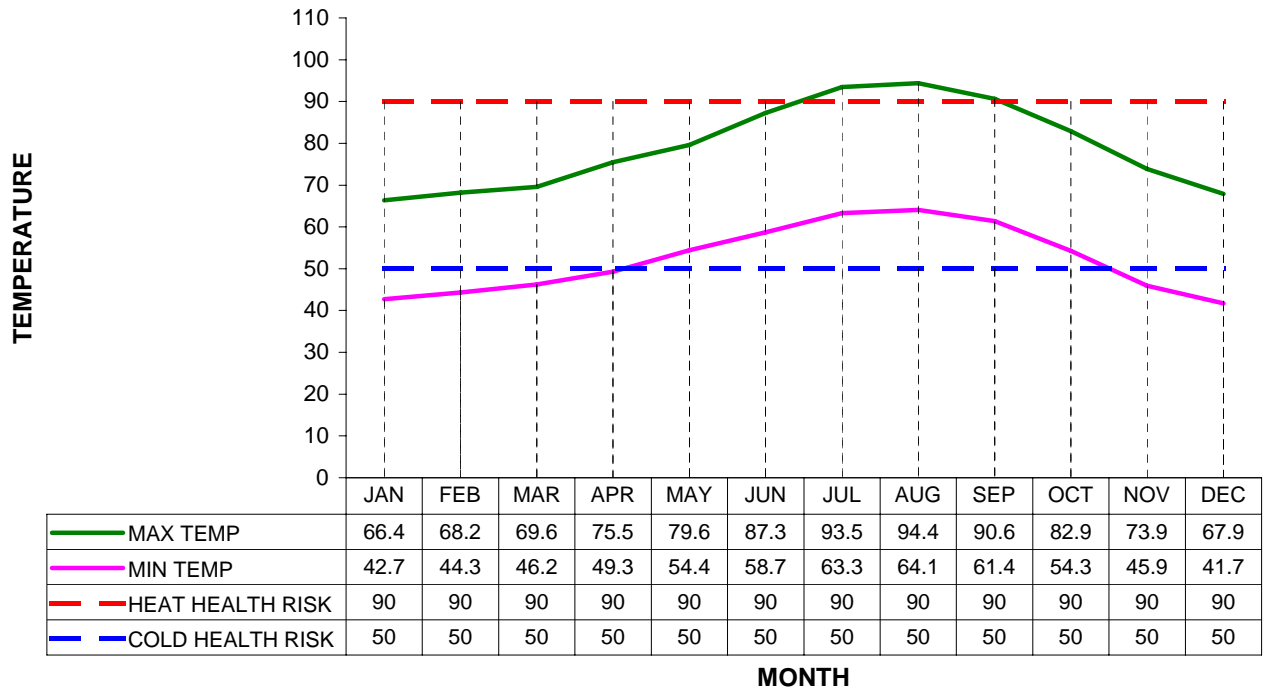
Program Year 2008

Climate Data

REPRESENTATIVE CEC CLIMATE ZONE 7



REPRESENTATIVE CEC CLIMATE ZONE 10

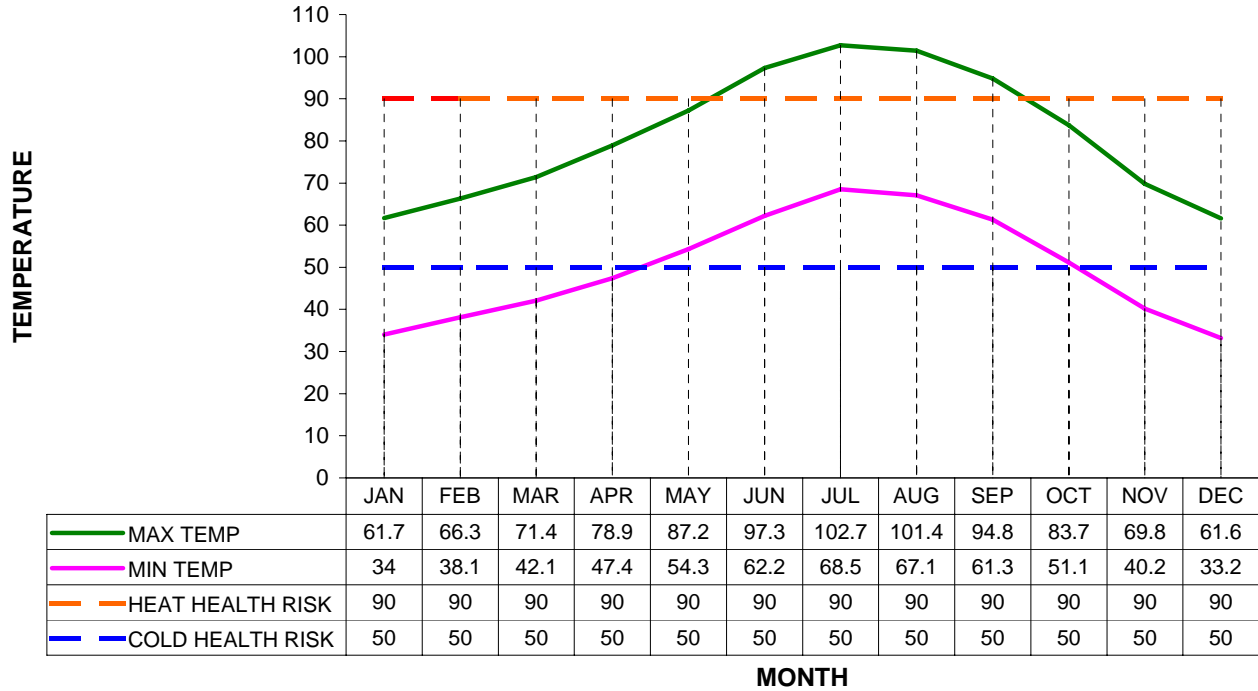


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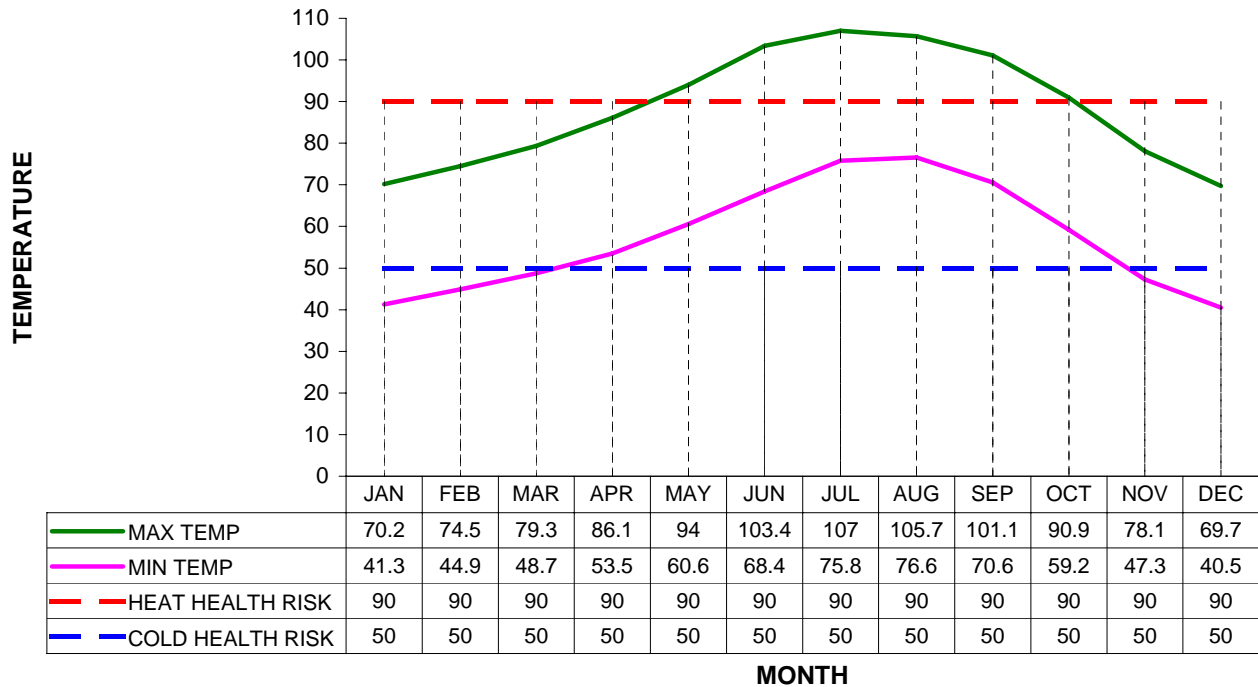
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Climate Data

REPRESENTATIVE CEC CLIMATE ZONE 14



REPRESENTATIVE CEC CLIMATE ZONE 15



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Program Year 2008

Climate Data

Heating/Cooling Seasons

Zone	Heating Months	Cooling Months
7	December - January	n/a
10	November - April	July - September
14	November - April	June - September
15	November - March	May - October

CEC Climate Zone Descriptions

Zone	Description
7	South coastal - San Diego
10	South coastal - San Diego
14	Southern high dessert
15	Southern inland valley

See Footnote #8

California Energy Commission (CEC) Building Climate Zones by City

City	Climate Zone	City	Climate Zone
Alpine	10	Lakeside	10
Barona	10	Live Oak Springs	14
Barrett Dam	10	Loert Otay Reservoir	10
Barrett Junction	10	Morena Village	14
Bostonia	10	Mount Laguna	14
Boulevard	14	National City	7
Campo	14	Otay	7
Casa de Oro, Mount Helix	10	Palm City	7
Chula Vista	7	Pine Valley	14
Coronado	7	Potrero	14
Cuyamaca	7	Rancho San Diego	10
Cuyamaca Peak	14	San Diego	7/10
Descanso	14	San Diego Bay	7
Dos Cabezas	15	San Vicente Reservoir	10
Dulzura	10	San Ysidro	7
El Cajon	10	San Ysidro Mountains	10
El Capitan Reservoir	14	Santee	10
Encanto	10	Spring Valley	10
Grossmont	7	Suncrest	10
Guatay	14	Sweetwater Reservoir	10
Harbinson Canyon	10	Tecate	14
Imperial Beach	7	Tierra del Sol	14
Jacumba	14	Tijuana River	7
Jamul	10	U.S.N. Air Station, Imperial Beach	7

See Footnote #9

Department of Energy (DOE) Climate Zones by Weather Station

Weather Station	Cooperative Station ID #	Heating Degree Days (65° Base)	Cooling Degree Days (65° base)	DOE Climate Zone
Alpine	40136	1,926	1,382	4
Borrego Desert Park	40983	1,130	3,928	5
Campo	41424	3,133	821	4

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Chula Vista	41758	1,321	862	4
Cuyamaca	42239	4,988	457	3
El Cajon	42706	1,560	1,371	4
El Capitan Dam	42709	1,419	1,712	4
Escondido No 2	42863	1,464	1,436	4
Henshaw Dam	43914	3,651	786	4
La Mesa	44735	1,313	1,261	4

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Climate Data

Department of Energy (DOE) Climate Zones by Weather Station - continued

Weather Station	Cooperative Station ID #	Heating Degree Days (65° Base)	Cooling Degree Days (65° base)	DOE Climate Zone
Oceanside Marina	46377	2,009	505	4
Palomar Mountain Observatory	46657	4,060	963	3
Ramona Fire Department	47228	2,192	1,036	4
San Diego Lindburgh AP	47740	1,063	866	4
San Diego Miramar NAS	893107	1,800	979	4
San Diego N. Island NAS	893112	1,446	801	4
San Pasqual Animal PK	47874	1,725	1,313	4
Vista 2 NNE	49378	1,514	1,047	4

See Footnote #10

Repeat Customers

Program Component	Service Area Repeat Customers	Statewide Repeat Customers
HEAP	14%	20%
Fast Track	0%	10%

See Footnote #11

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Footnotes

1. ***Total Low Income Households***
Source:
 - Census information was provided by the California Department of Finance.
2. ***Households Served and Average Benefit***
 - The average benefit per household for ECIP EHCS and Weatherization was calculated by dividing the total direct program activity by the total households served.
 - The average benefit per household for Fast Track, WPO and HEAP was calculated by dividing the total benefits received by the total households served.Sources:
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
 - Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.
3. ***Household Income***
Sources:
 - Census information was provided by the California Department of Finance.
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
4. ***Vulnerable Populations***
 - The number of vulnerable population households is not duplicated.Sources:
 - Census information was provided by the California Department of Finance.
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
5. ***Energy Burden***

The energy burden is calculated by dividing the total household energy costs by the total household income.

Source:
 - The national average energy burden was derived from the LIHEAP Home Energy Workbook for Fiscal Year 2005, DHHS, May 2007, page i.
 - Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
 - Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.
6. ***Primary Heating Fuel Type***
 - Fuel types represent the types of fuels used as the primary heating source for low-income homes.
 - The other heating fuel type category includes but is not limited to solar, coal and non-existent heating.Source:
 - Census information was provided by the California Department of Finance.
 - Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2006, the first year that fuel types were collected for LIHEAP.

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Footnotes

7. ***ECIP/HEAP Expenditures***
 - The expenditure ratios were calculated by dividing the total expenditures for each program by the sum total of all program expenditures included in this analysis.
 - One standard deviation was used to determine the statewide ranges over a period of five years. For normally distributed data, about 68% of the values are within 1 standard deviation of the average.

Sources:

 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Years 2002 through 2006.
 - Fast Track and HEAP data was derived from the CLASS database for Program Years 2002 through 2006.
8. ***Representative CEC Climate Zones***
 - Heat and Cold Level 1 is categorized as cautionary.
 - Heat and Cold Level 2 is categorized as extremely cautionary.

Source:

 - Cautionary levels of temperature were obtained from the California Office of Emergency Services.
 - Average monthly maximum and minimum temperatures were derived from the National Oceanic and Atmospheric Administration (NOAA), Monthly Station Normals of Temperature, Precipitation and Heating and Cooling Degree Days 1971-2000, 04 California, February 2002.
9. ***CEC Building Climate Zones by City***

Source:

 - Climate zone data was obtained from the Joint Appendices for the 2005 Building Energy Efficiency Standards for Residential and Nonresidential Buildings, October 2004, Table II.2.
10. ***DOE Climate Zones by Weather Station***
 - Heating and cooling degree days are used to categorize weather stations within a service area into DOE climate zones using a pre-established range of heating and cooling degree days.
 - A degree day is calculated by subtracting the average temperature of the day from the degree day base. If it is a heating degree day, it is the difference below the base. If it is a cooling degree day, it is the difference above the base. The degree days are averaged over a 30-year period.

Source:

 - Weather stations and degree days were obtained from the National Oceanic & Atmospheric Administration (NOAA), Annual Degree Days to Selected Bases, 1971-2000, released 6/20/02.
11. ***Repeat Customers***
 - The rate of repeat customers receiving utility assistance was calculated by dividing the total customers receiving services two or more consecutive program years by the total customers served from Program Years 2004 through 2006.

Source:

 - Fast Track and HEAP data was derived from the CLASS database for Program Years 2004 through 2006.